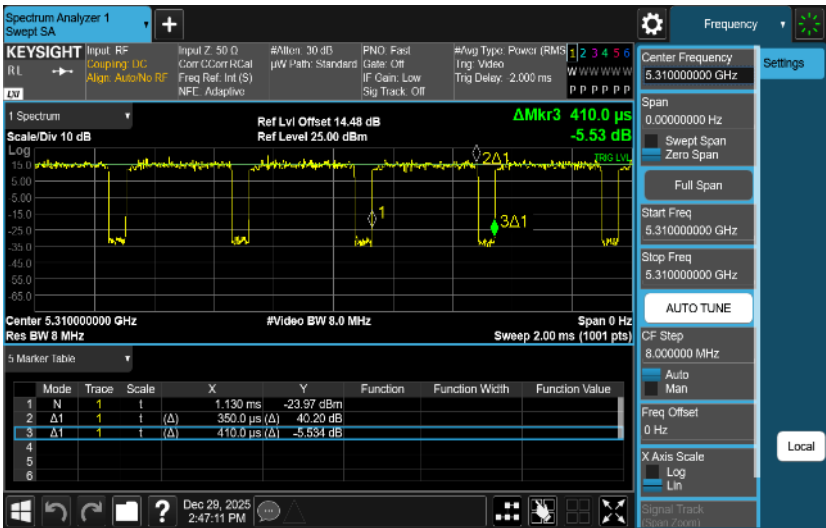
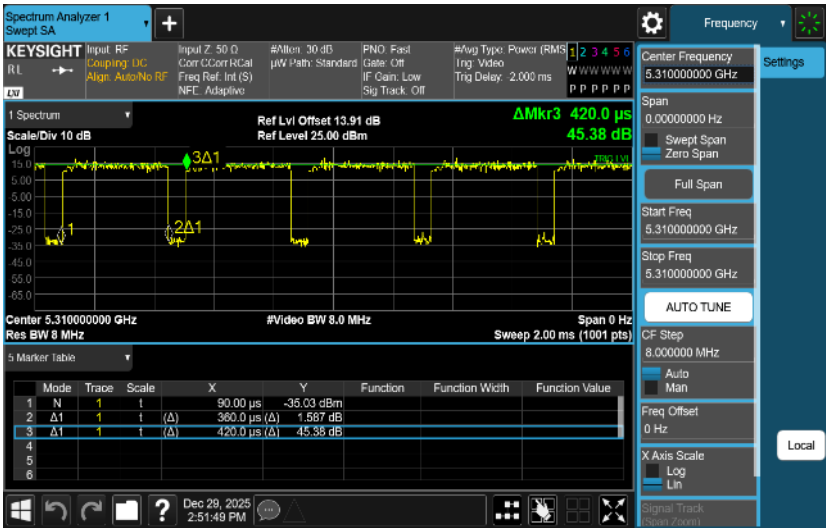
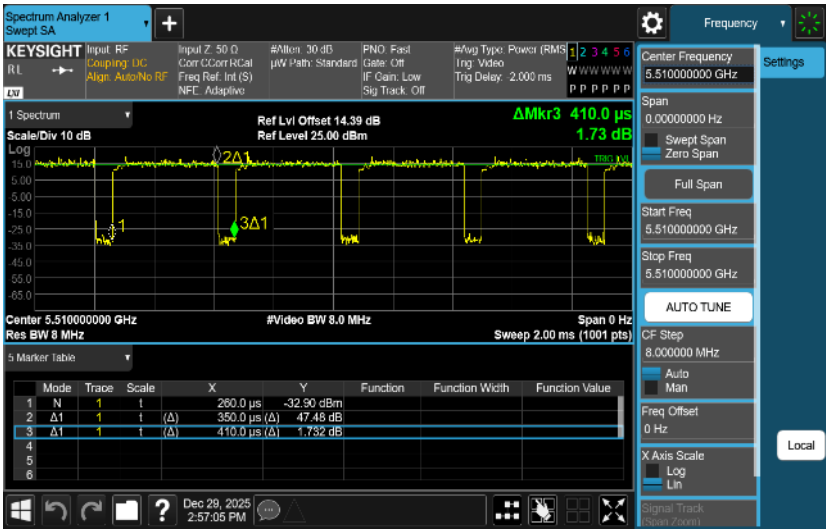




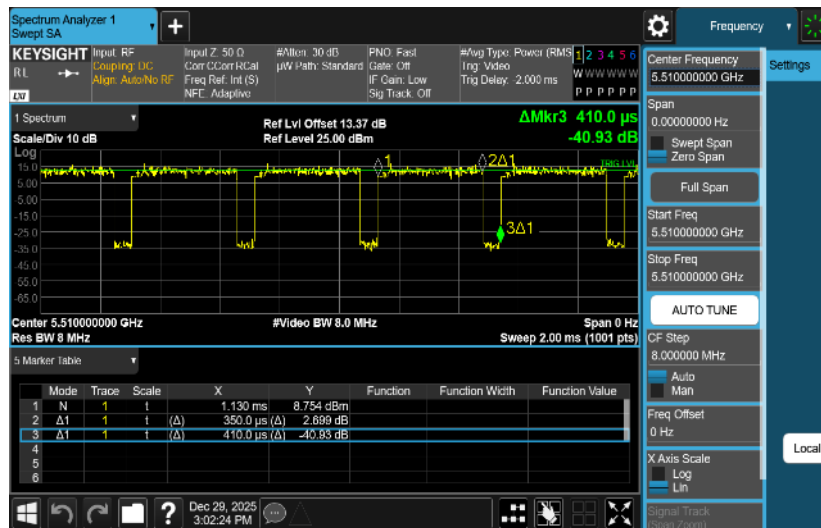
NTNV-11AC40MIMO-Ant2-5310



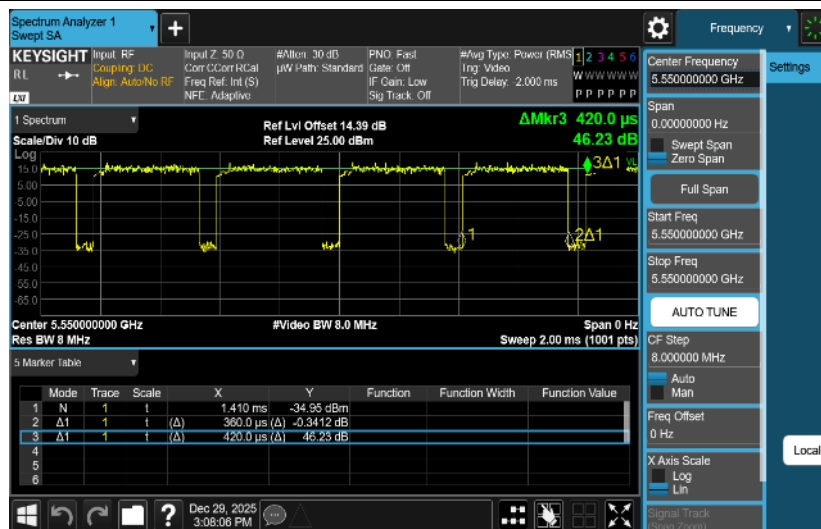
NTNV-11AC40MIMO-Ant1-5510



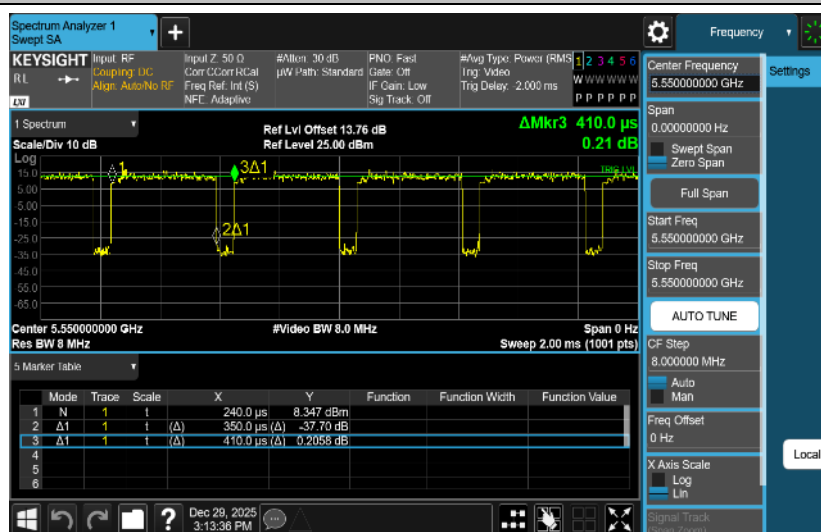
NTNV-11AC40MIMO-Ant2-5510



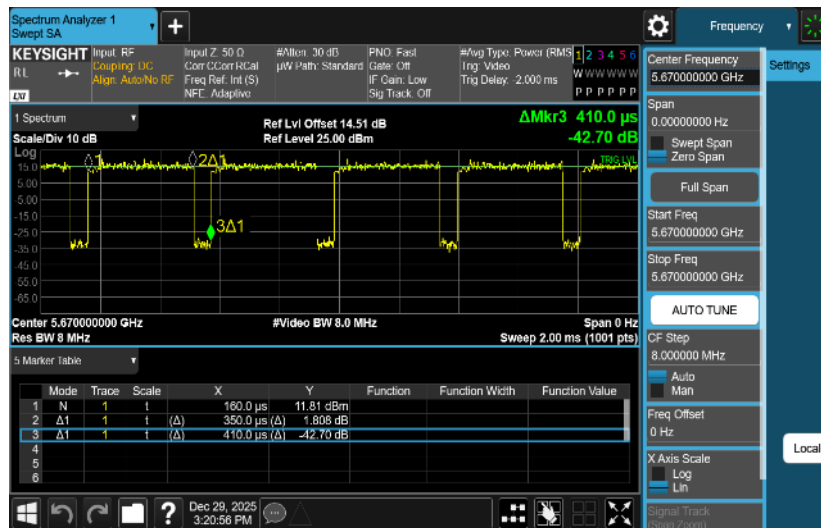
NTNV-11AC40MIMO-Ant1-5550



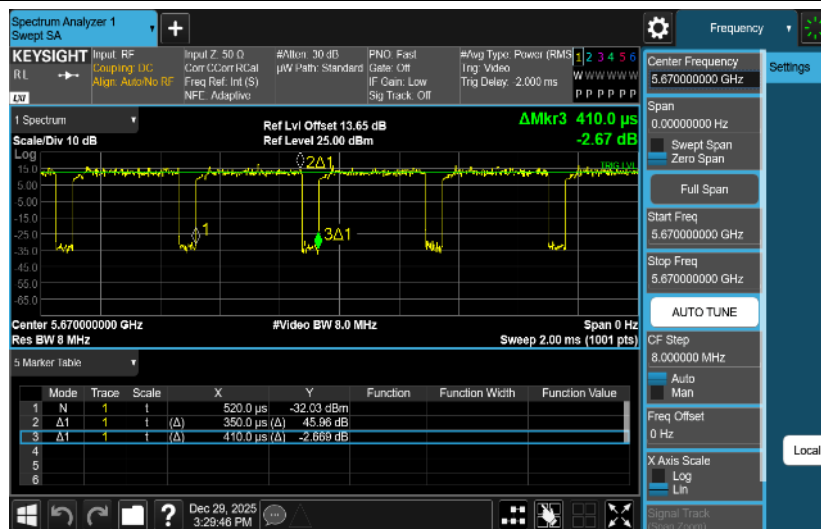
NTNV-11AC40MIMO-Ant2-5550



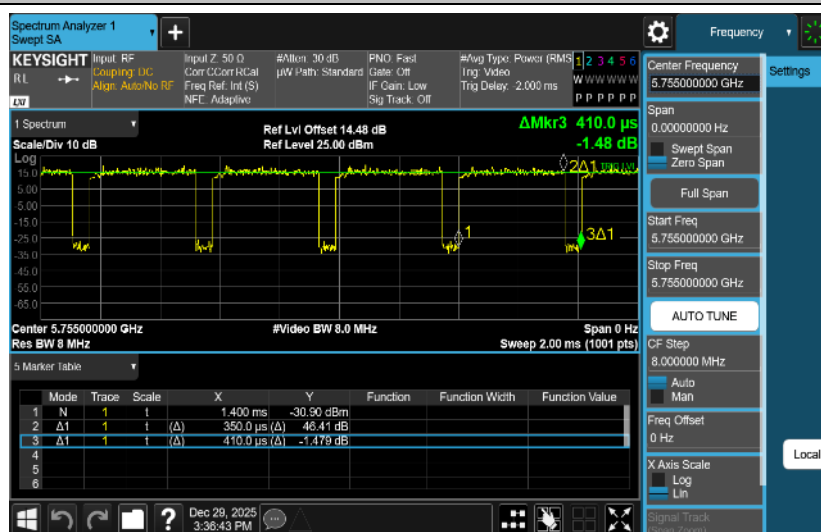
NTNV-11AC40MIMO-Ant1-5670



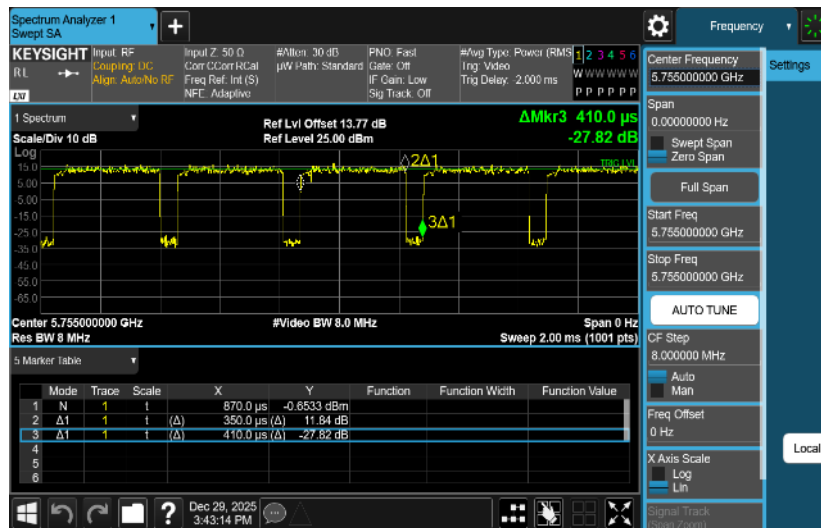
NTNV-11AC40MIMO-Ant2-5670



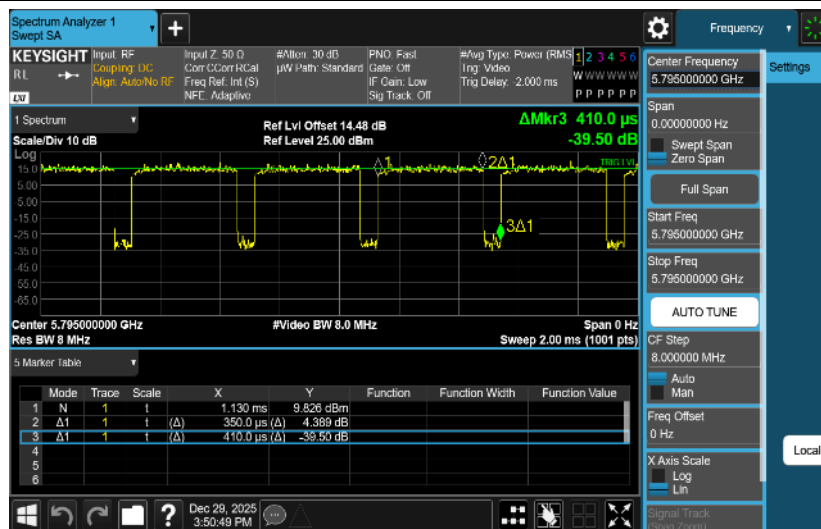
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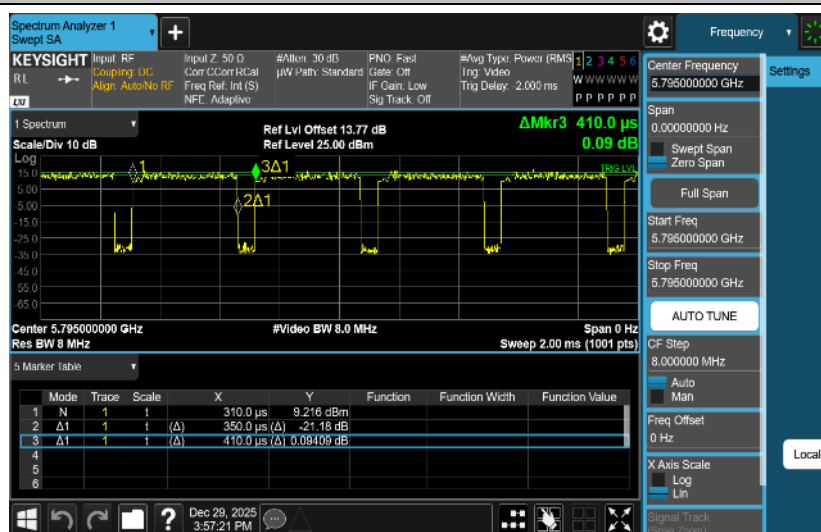
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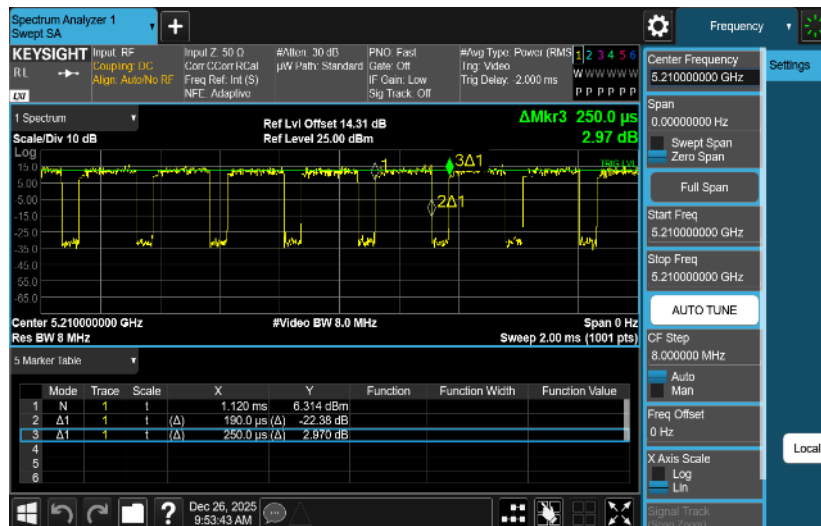
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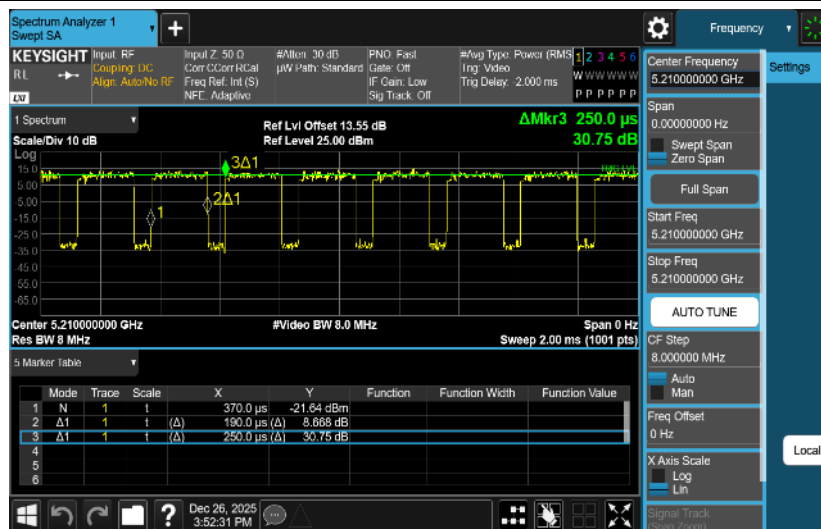
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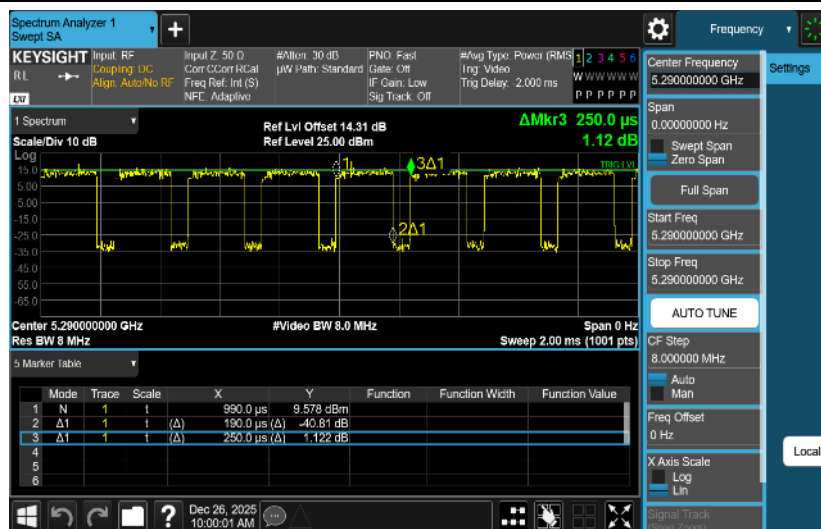
NTNV-11AC80SISO-Ant1-5210



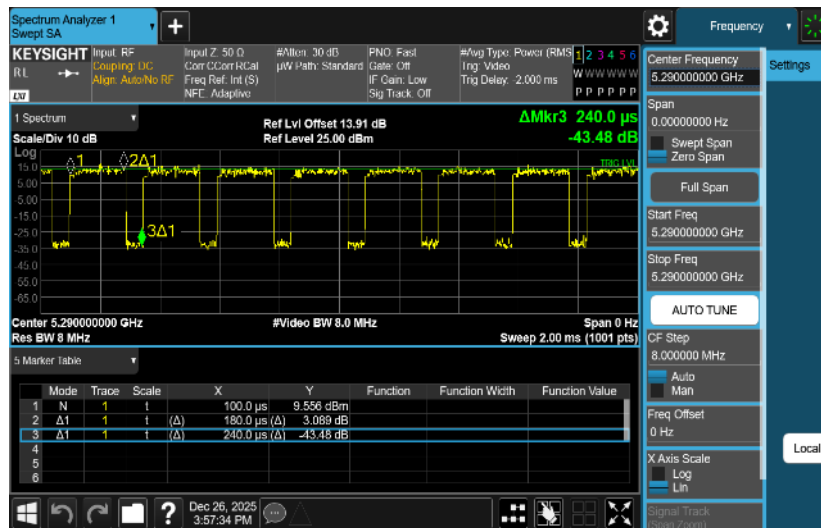
NTNV-11AC80SISO-Ant2-5210



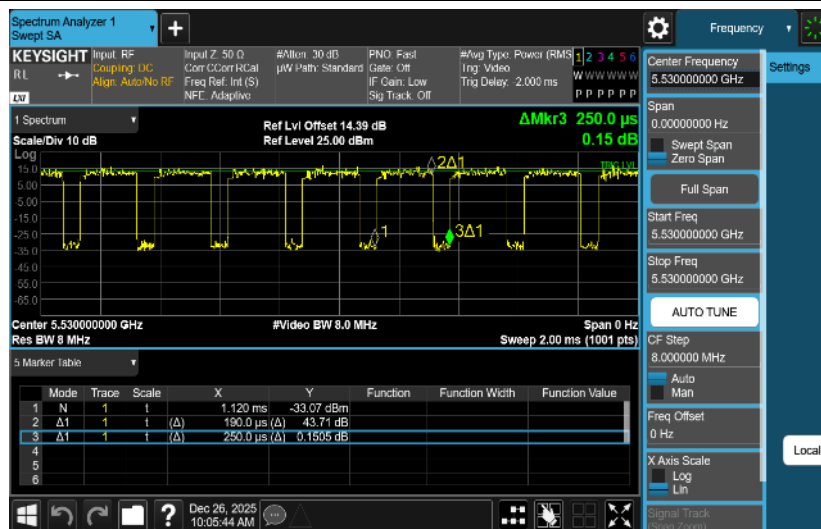
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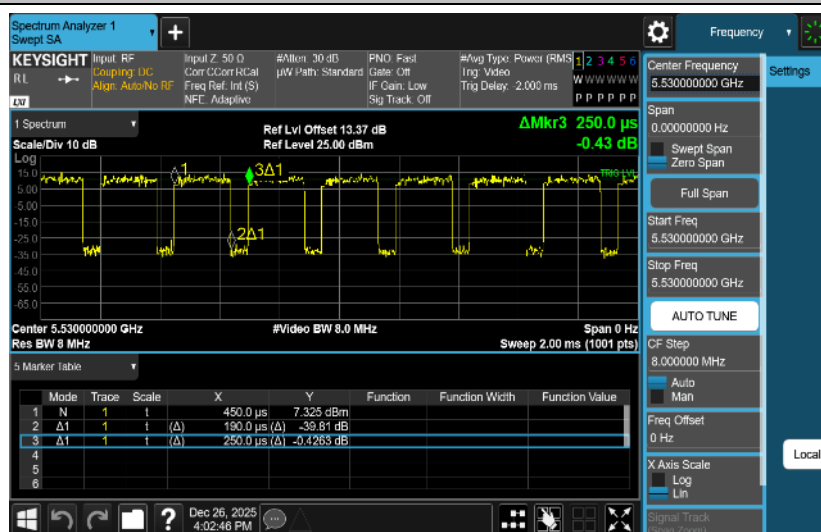
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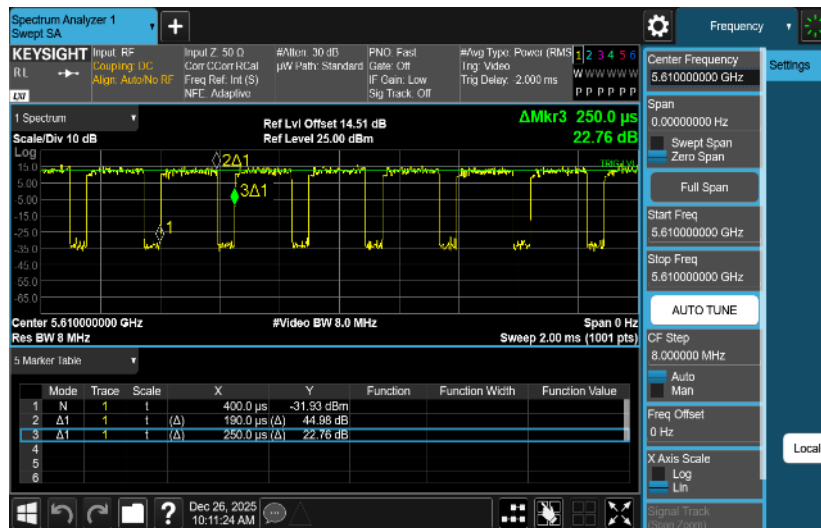
NTNV-11AC80SISO-Ant1-5530



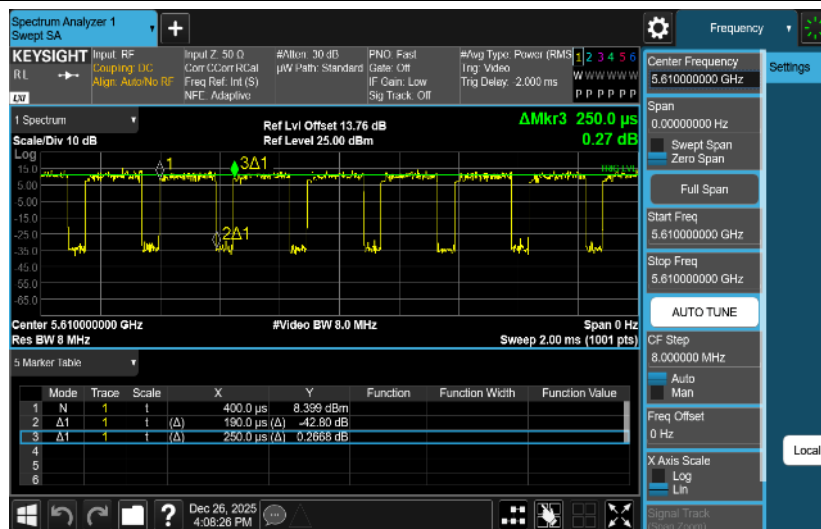
NTNV-11AC80SISO-Ant2-5530



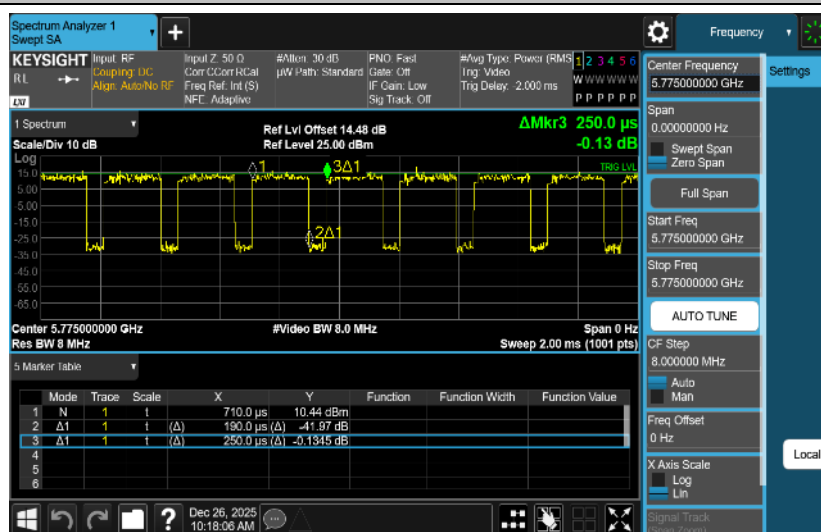
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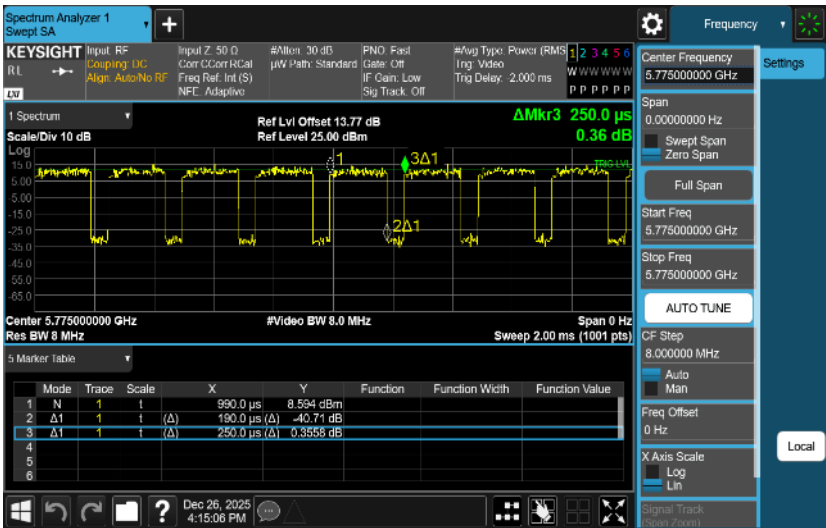
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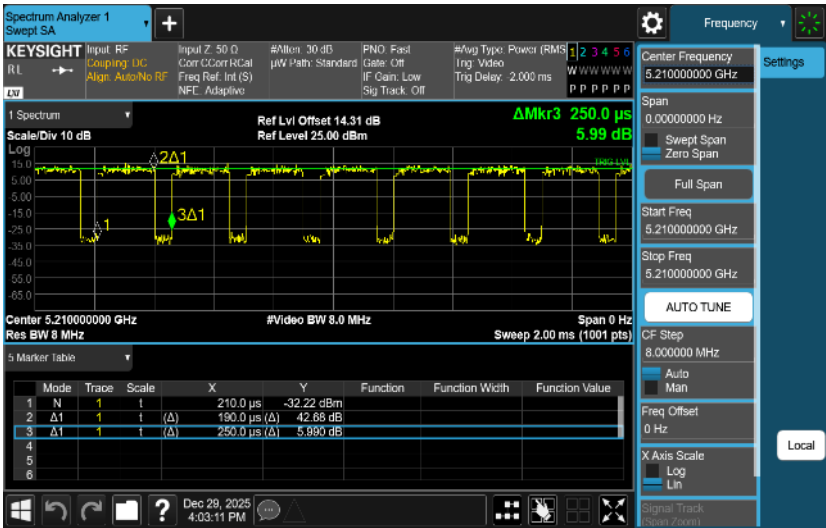
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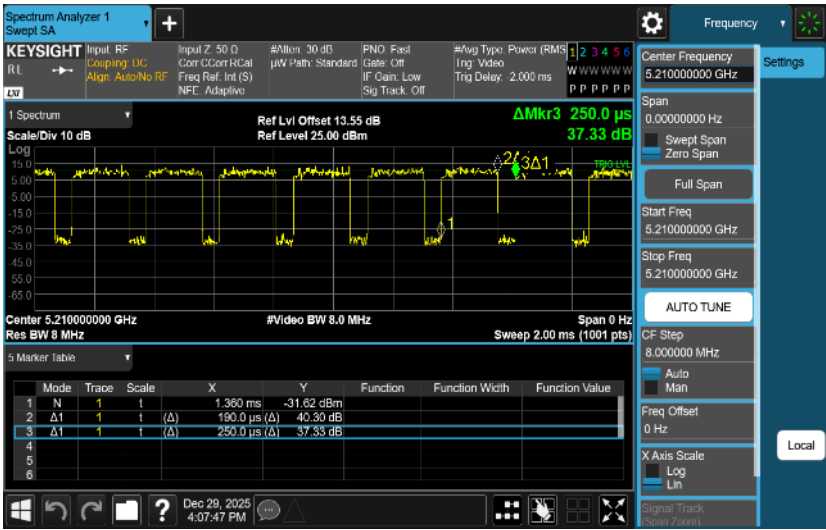
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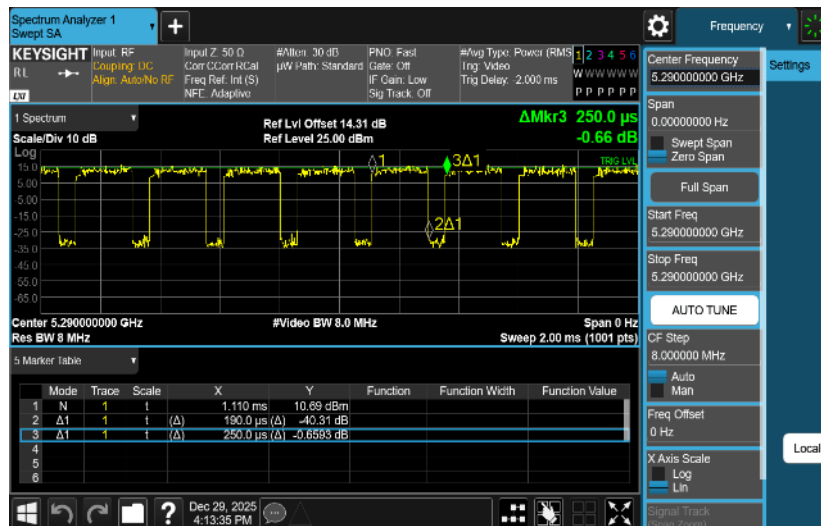
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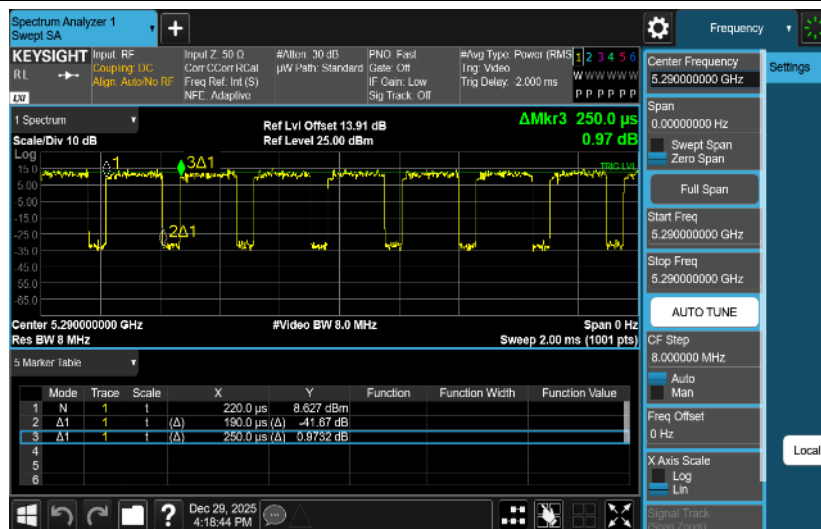
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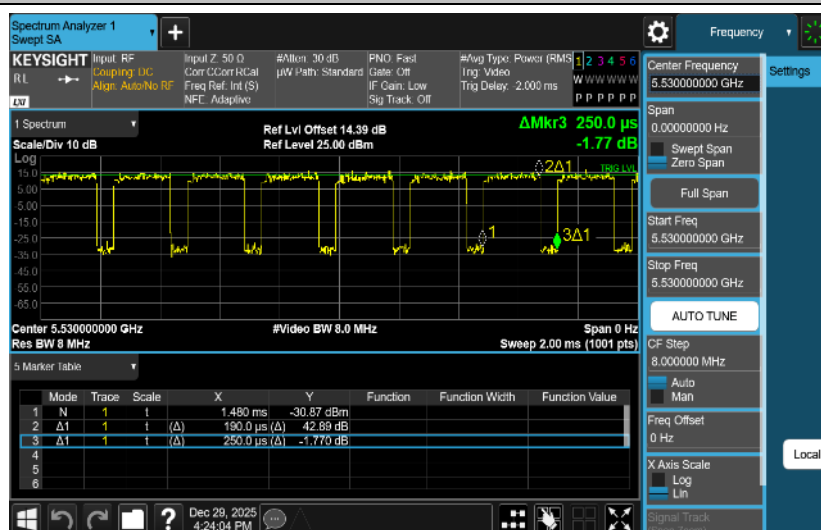
NTNV-11AC80MIMO-Ant1-5290



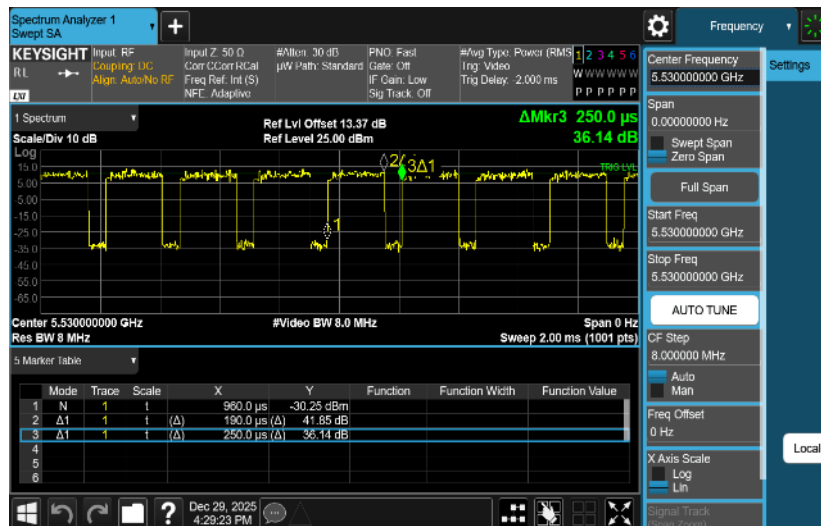
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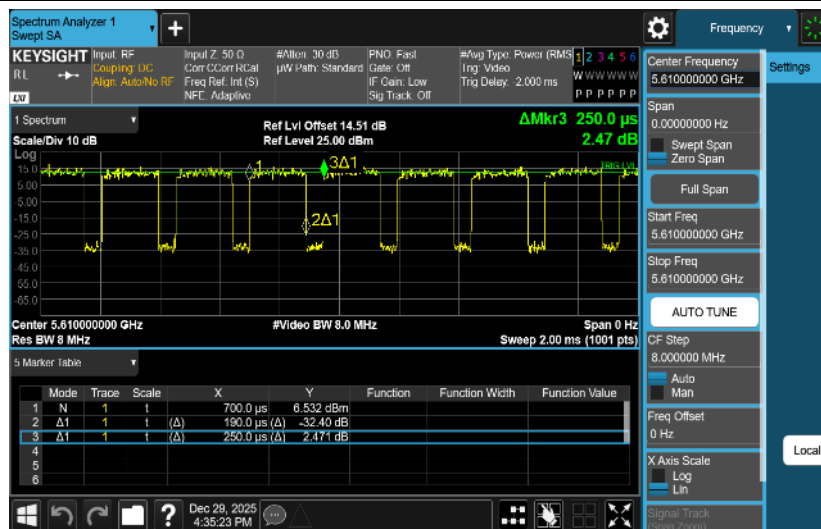
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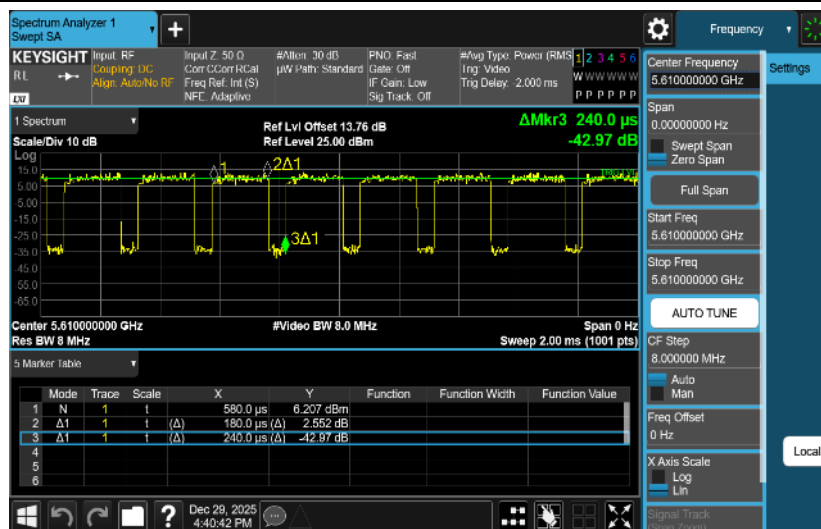
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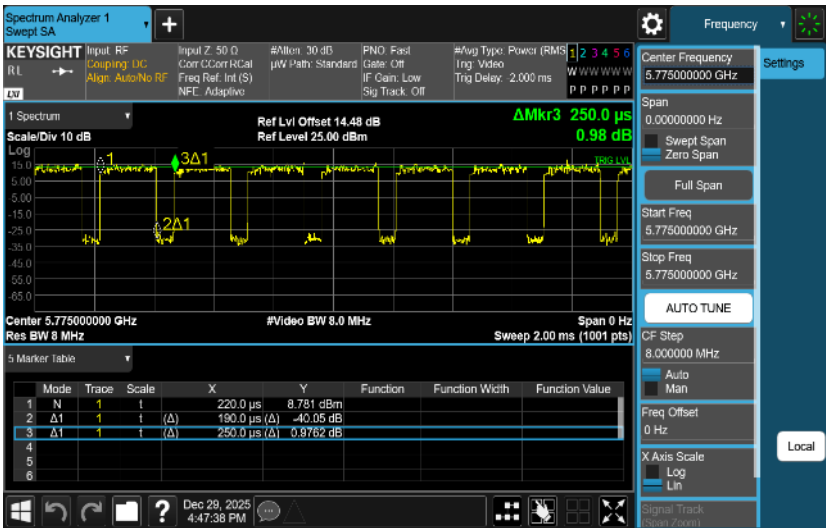
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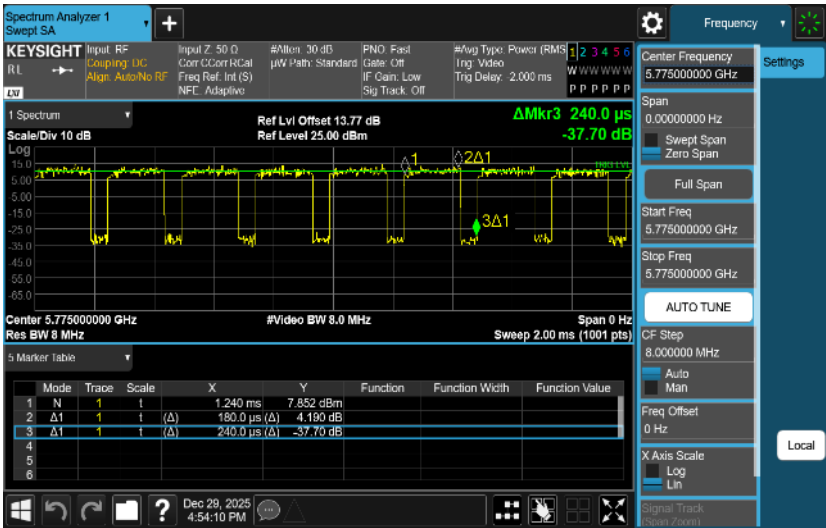
NTNV-11AC80MIMO-Ant2-5610



NTNV-11AC80MIMO-Ant1-5775



NTNV-11AC80MIMO-Ant2-5775



Appendix E: Maximum conducted output power

Test Result Channel Power

Test Mode	Antenna	Frequency [MHz]	Channel Power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11A	Ant1	5180	14.82	95.89	0.18	15.00	≤30.00	5.00	20.00	≤23.0	PASS
11A	Ant2	5180	13.25	95.89	0.18	13.43	≤30.00	5.00	18.43	≤23.0	PASS
11A	Ant1	5200	14.67	95.21	0.21	14.88	≤30.00	5.00	19.88	≤23.0	PASS
11A	Ant2	5200	13.59	95.89	0.18	13.77	≤30.00	5.00	18.77	≤23.0	PASS
11A	Ant1	5240	14.32	95.89	0.18	14.50	≤30.00	5.00	19.50	≤23.0	PASS
11A	Ant2	5240	14.04	95.89	0.18	14.22	≤30.00	5.00	19.22	≤23.0	PASS
11A	Ant1	5260	14.63	95.86	0.18	14.81	≤23.98	5.00	19.81	≤30.0	PASS
11A	Ant2	5260	14.44	95.86	0.18	14.62	≤23.98	5.00	19.62	≤30.0	PASS
11A	Ant1	5280	14.64	95.86	0.18	14.82	≤23.94	5.00	19.82	≤30.0	PASS
11A	Ant2	5280	14.81	95.21	0.21	15.02	≤23.98	5.00	20.02	≤30.0	PASS
11A	Ant1	5320	14.52	95.89	0.18	14.70	≤23.94	5.00	19.70	≤30.0	PASS
11A	Ant2	5320	14.55	95.89	0.18	14.73	≤23.97	5.00	19.73	≤30.0	PASS
11A	Ant1	5500	14.27	95.21	0.21	14.48	≤23.98	5.00	19.48	≤30.0	PASS
11A	Ant2	5500	13.19	95.21	0.21	13.40	≤23.97	5.00	18.40	≤30.0	PASS
11A	Ant1	5580	14.39	95.21	0.21	14.60	≤23.96	5.00	19.60	≤30.0	PASS
11A	Ant2	5580	12.39	95.89	0.18	12.57	≤23.98	5.00	17.57	≤30.0	PASS
11A	Ant1	5700	14.65	95.86	0.18	14.83	≤23.98	5.00	19.83	≤30.0	PASS
11A	Ant2	5700	14.10	95.89	0.18	14.28	≤23.94	5.00	19.28	≤30.0	PASS
11A	Ant1	5745	15.12	95.89	0.18	15.30	≤30.00	5.00	20.30	/	PASS
11A	Ant2	5745	13.46	95.86	0.18	13.64	≤30.00	5.00	18.64	/	PASS
11A	Ant1	5785	14.07	95.89	0.18	14.25	≤30.00	5.00	19.25	/	PASS
11A	Ant2	5785	12.83	95.86	0.18	13.01	≤30.00	5.00	18.01	/	PASS
11A	Ant1	5825	14.23	95.86	0.18	14.41	≤30.00	5.00	19.41	/	PASS
11A	Ant2	5825	12.18	95.86	0.18	12.36	≤30.00	5.00	17.36	/	PASS
11AC20 SISO	Ant1	5180	11.97	91.89	0.37	12.34	≤30.00	5.00	17.34	≤23.0	PASS
11AC20 SISO	Ant2	5180	10.59	91.89	0.37	10.96	≤30.00	5.00	15.96	≤23.0	PASS
11AC20 SISO	Ant1	5200	11.83	92.00	0.36	12.19	≤30.00	5.00	17.19	≤23.0	PASS
11AC20 SISO	Ant2	5200	10.49	91.89	0.37	10.86	≤30.00	5.00	15.86	≤23.0	PASS
11AC20 SISO	Ant1	5240	11.78	91.89	0.37	12.15	≤30.00	5.00	17.15	≤23.0	PASS
11AC20 SISO	Ant2	5240	10.76	92.00	0.36	11.12	≤30.00	5.00	16.12	≤23.0	PASS

11AC20 SISO	Ant1	5260	13.75	92.00	0.36	14.11	≤23.98	5.00	19.11	≤30.0	PASS
11AC20 SISO	Ant2	5260	14.14	90.67	0.43	14.57	≤23.98	5.00	19.57	≤30.0	PASS
11AC20 SISO	Ant1	5280	13.69	92.00	0.36	14.05	≤23.98	5.00	19.05	≤30.0	PASS
11AC20 SISO	Ant2	5280	14.97	90.67	0.43	15.40	≤23.96	5.00	20.40	≤30.0	PASS
11AC20 SISO	Ant1	5320	13.35	92.00	0.36	13.71	≤23.98	5.00	18.71	≤30.0	PASS
11AC20 SISO	Ant2	5320	14.65	92.00	0.36	15.01	≤23.98	5.00	20.01	≤30.0	PASS
11AC20 SISO	Ant1	5500	13.45	90.67	0.43	13.88	≤23.98	5.00	18.88	≤30.0	PASS
11AC20 SISO	Ant2	5500	13.36	91.89	0.37	13.73	≤23.98	5.00	18.73	≤30.0	PASS
11AC20 SISO	Ant1	5580	13.60	91.89	0.37	13.97	≤23.98	5.00	18.97	≤30.0	PASS
11AC20 SISO	Ant2	5580	12.94	91.89	0.37	13.31	≤23.98	5.00	18.31	≤30.0	PASS
11AC20 SISO	Ant1	5700	13.64	92.00	0.36	14.00	≤23.98	5.00	19.00	≤30.0	PASS
11AC20 SISO	Ant2	5700	14.13	92.00	0.36	14.49	≤23.98	5.00	19.49	≤30.0	PASS
11AC20 SISO	Ant1	5745	14.65	91.89	0.37	15.02	≤30.00	5.00	20.02	/	PASS
11AC20 SISO	Ant2	5745	14.22	91.89	0.37	14.59	≤30.00	5.00	19.59	/	PASS
11AC20 SISO	Ant1	5785	14.29	92.00	0.36	14.65	≤30.00	5.00	19.65	/	PASS
11AC20 SISO	Ant2	5785	13.22	92.00	0.36	13.58	≤30.00	5.00	18.58	/	PASS
11AC20 SISO	Ant1	5825	14.18	90.67	0.43	14.61	≤30.00	5.00	19.61	/	PASS
11AC20 SISO	Ant2	5825	12.62	91.89	0.37	12.99	≤30.00	5.00	17.99	/	PASS
11AC20 MIMO	Ant1	5180	11.90	91.89	0.37	12.27	≤30.00	5.00	17.27	≤23.0	PASS
11AC20 MIMO	Ant2	5180	10.42	92.00	0.36	10.78	≤30.00	5.00	15.78	≤23.0	PASS
11AC20 MIMO	total	5180	---	---	---	14.60	≤30.00	5.00	19.60	≤23.0	PASS
11AC20	Ant1	5200	10.99	92.00	0.36	11.35	≤30.00	5.00	16.35	≤23.0	PASS

MIMO											
11AC20 MIMO	Ant2	5200	9.69	91.89	0.37	10.06	≤30.00	5.00	15.06	≤23.0	PASS
11AC20 MIMO	total	5200	---	---	---	13.76	≤30.00	5.00	18.76	≤23.0	PASS
11AC20 MIMO	Ant1	5240	11.21	92.00	0.36	11.57	≤30.00	5.00	16.57	≤23.0	PASS
11AC20 MIMO	Ant2	5240	10.31	91.89	0.37	10.68	≤30.00	5.00	15.68	≤23.0	PASS
11AC20 MIMO	total	5240	---	---	---	14.16	≤30.00	5.00	19.16	≤23.0	PASS
11AC20 MIMO	Ant1	5260	13.88	92.00	0.36	14.24	≤23.98	5.00	19.24	≤30.0	PASS
11AC20 MIMO	Ant2	5260	13.01	91.89	0.37	13.38	≤23.98	5.00	18.38	≤30.0	PASS
11AC20 MIMO	total	5260	---	---	---	16.84	≤23.98	5.00	21.84	≤30.0	PASS
11AC20 MIMO	Ant1	5280	14.22	92.00	0.36	14.58	≤23.98	5.00	19.58	≤30.0	PASS
11AC20 MIMO	Ant2	5280	13.35	92.00	0.36	13.71	≤23.96	5.00	18.71	≤30.0	PASS
11AC20 MIMO	total	5280	---	---	---	17.18	≤23.98	5.00	22.18	≤30.0	PASS
11AC20 MIMO	Ant1	5320	13.92	92.00	0.36	14.28	≤23.98	5.00	19.28	≤30.0	PASS
11AC20 MIMO	Ant2	5320	12.93	92.00	0.36	13.29	≤23.98	5.00	18.29	≤30.0	PASS
11AC20 MIMO	total	5320	---	---	---	16.82	≤23.98	5.00	21.82	≤30.0	PASS
11AC20 MIMO	Ant1	5500	14.06	91.89	0.37	14.43	≤23.98	5.00	19.43	≤30.0	PASS
11AC20 MIMO	Ant2	5500	11.86	91.89	0.37	12.23	≤23.98	5.00	17.23	≤30.0	PASS
11AC20 MIMO	total	5500	---	---	---	16.48	≤23.98	5.00	21.48	≤30.0	PASS
11AC20 MIMO	Ant1	5580	14.04	91.89	0.37	14.41	≤23.98	5.00	19.41	≤30.0	PASS
11AC20 MIMO	Ant2	5580	11.49	92.00	0.36	11.85	≤23.98	5.00	16.85	≤30.0	PASS
11AC20 MIMO	total	5580	---	---	---	16.33	≤23.98	5.00	21.33	≤30.0	PASS
11AC20 MIMO	Ant1	5700	15.12	90.67	0.43	15.55	≤23.98	5.00	20.55	≤30.0	PASS

11AC20 MIMO	Ant2	5700	12.81	90.67	0.43	13.24	≤23.98	5.00	18.24	≤30.0	PASS
11AC20 MIMO	total	5700	---	---	---	17.56	≤23.98	5.00	22.56	≤30.0	PASS
11AC20 MIMO	Ant1	5745	15.49	91.89	0.37	15.86	≤30.00	5.00	20.86	/	PASS
11AC20 MIMO	Ant2	5745	13.08	92.00	0.36	13.44	≤30.00	5.00	18.44	/	PASS
11AC20 MIMO	total	5745	---	---	---	17.83	≤30.00	5.00	22.83	/	PASS
11AC20 MIMO	Ant1	5785	14.32	91.89	0.37	14.69	≤30.00	5.00	19.69	/	PASS
11AC20 MIMO	Ant2	5785	12.25	91.89	0.37	12.62	≤30.00	5.00	17.62	/	PASS
11AC20 MIMO	total	5785	---	---	---	16.79	≤30.00	5.00	21.79	/	PASS
11AC20 MIMO	Ant1	5825	13.69	92.00	0.36	14.05	≤30.00	5.00	19.05	/	PASS
11AC20 MIMO	Ant2	5825	11.50	91.89	0.37	11.87	≤30.00	5.00	16.87	/	PASS
11AC20 MIMO	total	5825	---	---	---	16.11	≤30.00	5.00	21.11	/	PASS
11AC40 SISO	Ant1	5190	14.83	85.37	0.69	15.52	≤30.00	5.00	20.52	≤23.0	PASS
11AC40 SISO	Ant2	5190	13.10	85.37	0.69	13.79	≤30.00	5.00	18.79	≤23.0	PASS
11AC40 SISO	Ant1	5230	14.34	85.37	0.69	15.03	≤30.00	5.00	20.03	≤23.0	PASS
11AC40 SISO	Ant2	5230	13.15	85.37	0.69	13.84	≤30.00	5.00	18.84	≤23.0	PASS
11AC40 SISO	Ant1	5270	14.51	85.37	0.69	15.20	≤23.98	5.00	20.20	≤30.0	PASS
11AC40 SISO	Ant2	5270	13.81	85.71	0.67	14.48	≤23.98	5.00	19.48	≤30.0	PASS
11AC40 SISO	Ant1	5310	14.71	85.71	0.67	15.38	≤23.98	5.00	20.38	≤30.0	PASS
11AC40 SISO	Ant2	5310	13.73	85.37	0.69	14.42	≤23.98	5.00	19.42	≤30.0	PASS
11AC40 SISO	Ant1	5510	14.90	85.37	0.69	15.59	≤23.98	5.00	20.59	≤30.0	PASS
11AC40 SISO	Ant2	5510	12.50	85.37	0.69	13.19	≤23.98	5.00	18.19	≤30.0	PASS
11AC40	Ant1	5550	14.31	85.71	0.67	14.98	≤23.98	5.00	19.98	≤30.0	PASS

SISO											
11AC40 SISO	Ant2	5550	12.20	85.71	0.67	12.87	≤23.98	5.00	17.87	≤30.0	PASS
11AC40 SISO	Ant1	5670	14.89	85.37	0.69	15.58	≤23.98	5.00	20.58	≤30.0	PASS
11AC40 SISO	Ant2	5670	12.63	85.37	0.69	13.32	≤23.98	5.00	18.32	≤30.0	PASS
11AC40 SISO	Ant1	5755	15.00	85.71	0.67	15.67	≤30.00	5.00	20.67	/	PASS
11AC40 SISO	Ant2	5755	13.00	85.71	0.67	13.67	≤30.00	5.00	18.67	/	PASS
11AC40 SISO	Ant1	5795	14.34	85.37	0.69	15.03	≤30.00	5.00	20.03	/	PASS
11AC40 SISO	Ant2	5795	12.40	85.37	0.69	13.09	≤30.00	5.00	18.09	/	PASS
11AC40 MIMO	Ant1	5190	13.97	85.37	0.69	14.66	≤30.00	5.00	19.66	≤23.0	PASS
11AC40 MIMO	Ant2	5190	12.58	85.71	0.67	13.25	≤30.00	5.00	18.25	≤23.0	PASS
11AC40 MIMO	total	5190	---	---	---	17.02	≤30.00	5.00	22.02	≤23.0	PASS
11AC40 MIMO	Ant1	5230	13.72	85.71	0.67	14.39	≤30.00	5.00	19.39	≤23.0	PASS
11AC40 MIMO	Ant2	5230	12.29	85.37	0.69	12.98	≤30.00	5.00	17.98	≤23.0	PASS
11AC40 MIMO	total	5230	---	---	---	16.75	≤30.00	5.00	21.75	≤23.0	PASS
11AC40 MIMO	Ant1	5270	14.08	85.37	0.69	14.77	≤23.98	5.00	19.77	≤30.0	PASS
11AC40 MIMO	Ant2	5270	13.10	85.37	0.69	13.79	≤23.98	5.00	18.79	≤30.0	PASS
11AC40 MIMO	total	5270	---	---	---	17.32	≤23.98	5.00	22.32	≤30.0	PASS
11AC40 MIMO	Ant1	5310	13.95	85.37	0.69	14.64	≤23.98	5.00	19.64	≤30.0	PASS
11AC40 MIMO	Ant2	5310	12.95	85.71	0.67	13.62	≤23.98	5.00	18.62	≤30.0	PASS
11AC40 MIMO	total	5310	---	---	---	17.17	≤23.98	5.00	22.17	≤30.0	PASS
11AC40 MIMO	Ant1	5510	14.10	85.37	0.69	14.79	≤23.98	5.00	19.79	≤30.0	PASS
11AC40 MIMO	Ant2	5510	11.66	85.37	0.69	12.35	≤23.98	5.00	17.35	≤30.0	PASS

11AC40 MIMO	total	5510	---	---	---	16.75	≤23.98	5.00	21.75	≤30.0	PASS
11AC40 MIMO	Ant1	5550	13.59	85.71	0.67	14.26	≤23.98	5.00	19.26	≤30.0	PASS
11AC40 MIMO	Ant2	5550	11.39	85.37	0.69	12.08	≤23.98	5.00	17.08	≤30.0	PASS
11AC40 MIMO	total	5550	---	---	---	16.32	≤23.98	5.00	21.32	≤30.0	PASS
11AC40 MIMO	Ant1	5670	14.25	85.37	0.69	14.94	≤23.98	5.00	19.94	≤30.0	PASS
11AC40 MIMO	Ant2	5670	11.77	85.37	0.69	12.46	≤23.98	5.00	17.46	≤30.0	PASS
11AC40 MIMO	total	5670	---	---	---	16.88	≤23.98	5.00	21.88	≤30.0	PASS
11AC40 MIMO	Ant1	5755	14.45	85.37	0.69	15.14	≤30.00	5.00	20.14	/	PASS
11AC40 MIMO	Ant2	5755	12.11	85.37	0.69	12.80	≤30.00	5.00	17.80	/	PASS
11AC40 MIMO	total	5755	---	---	---	17.14	≤30.00	5.00	22.14	/	PASS
11AC40 MIMO	Ant1	5795	13.76	85.37	0.69	14.45	≤30.00	5.00	19.45	/	PASS
11AC40 MIMO	Ant2	5795	11.68	85.37	0.69	12.37	≤30.00	5.00	17.37	/	PASS
11AC40 MIMO	total	5795	---	---	---	16.54	≤30.00	5.00	21.54	/	PASS
11AC80 SISO	Ant1	5210	14.58	76.00	1.19	15.77	≤30.00	5.00	20.77	≤30.0	PASS
11AC80 SISO	Ant2	5210	13.37	76.00	1.19	14.56	≤30.00	5.00	19.56	≤30.0	PASS
11AC80 SISO	Ant1	5290	14.70	76.00	1.19	15.89	≤23.98	5.00	20.89	≤30.0	PASS
11AC80 SISO	Ant2	5290	13.95	75.00	1.25	15.20	≤23.98	5.00	20.20	≤30.0	PASS
11AC80 SISO	Ant1	5530	14.06	76.00	1.19	15.25	≤23.98	5.00	20.25	≤30.0	PASS
11AC80 SISO	Ant2	5530	12.29	76.00	1.19	13.48	≤23.98	5.00	18.48	≤30.0	PASS
11AC80 SISO	Ant1	5610	14.10	76.00	1.19	15.29	≤23.98	5.00	20.29	≤30.0	PASS
11AC80 SISO	Ant2	5610	12.18	76.00	1.19	13.37	≤23.98	5.00	18.37	≤30.0	PASS
11AC80	Ant1	5775	14.35	76.00	1.19	15.54	≤30.00	5.00	20.54	/	PASS

SISO											
11AC80 SISO	Ant2	5775	12.83	76.00	1.19	14.02	≤30.00	5.00	19.02	/	PASS
11AC80 MIMO	Ant1	5210	13.52	76.00	1.19	14.71	≤30.00	5.00	19.71	≤23.0	PASS
11AC80 MIMO	Ant2	5210	12.19	76.00	1.19	13.38	≤30.00	5.00	18.38	≤23.0	PASS
11AC80 MIMO	total	5210	---	---	---	17.11	≤30.00	5.00	22.11	≤23.0	PASS
11AC80 MIMO	Ant1	5290	14.18	76.00	1.19	15.37	≤23.98	5.00	20.37	≤30.0	PASS
11AC80 MIMO	Ant2	5290	13.30	76.00	1.19	14.49	≤23.98	5.00	19.49	≤30.0	PASS
11AC80 MIMO	total	5290	---	---	---	17.96	≤23.98	5.00	22.96	≤30.0	PASS
11AC80 MIMO	Ant1	5530	14.09	76.00	1.19	15.28	≤23.98	5.00	20.28	≤30.0	PASS
11AC80 MIMO	Ant2	5530	11.66	76.00	1.19	12.85	≤23.98	5.00	17.85	≤30.0	PASS
11AC80 MIMO	total	5530	---	---	---	17.24	≤23.98	5.00	22.24	≤30.0	PASS
11AC80 MIMO	Ant1	5610	14.10	76.00	1.19	15.29	≤23.98	5.00	20.29	≤30.0	PASS
11AC80 MIMO	Ant2	5610	11.51	75.00	1.25	12.76	≤23.98	5.00	17.76	≤30.0	PASS
11AC80 MIMO	total	5610	---	---	---	17.22	≤23.98	5.00	22.22	≤30.0	PASS
11AC80 MIMO	Ant1	5775	14.16	76.00	1.19	15.35	≤30.00	5.00	20.35	/	PASS
11AC80 MIMO	Ant2	5775	11.86	75.00	1.25	13.11	≤30.00	5.00	18.11	/	PASS
11AC80 MIMO	total	5775	---	---	---	17.38	≤30.00	5.00	22.38	/	PASS

Note: The Duty Cycle Factor is compensated in the graph.

Test Graphs Channel Power

11A-Ant1-5180-PASS



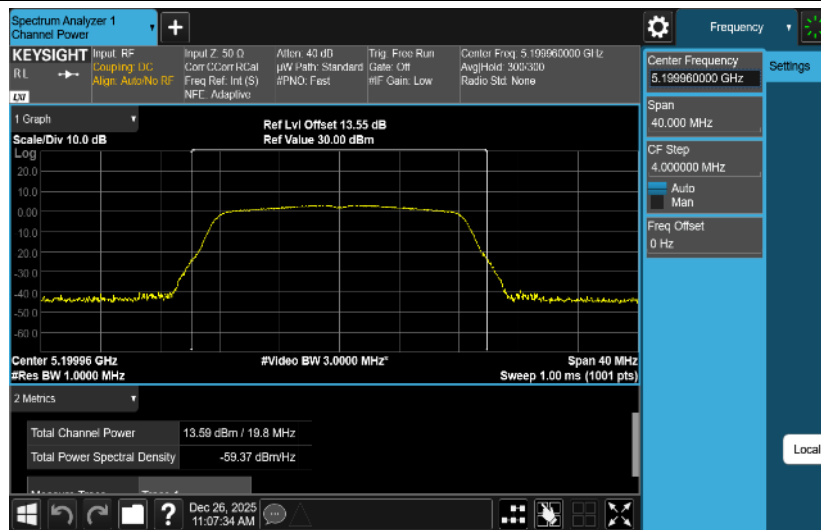
11A-Ant2-5180-PASS



11A-Ant1-5200-PASS



11A-Ant2-5200-PASS



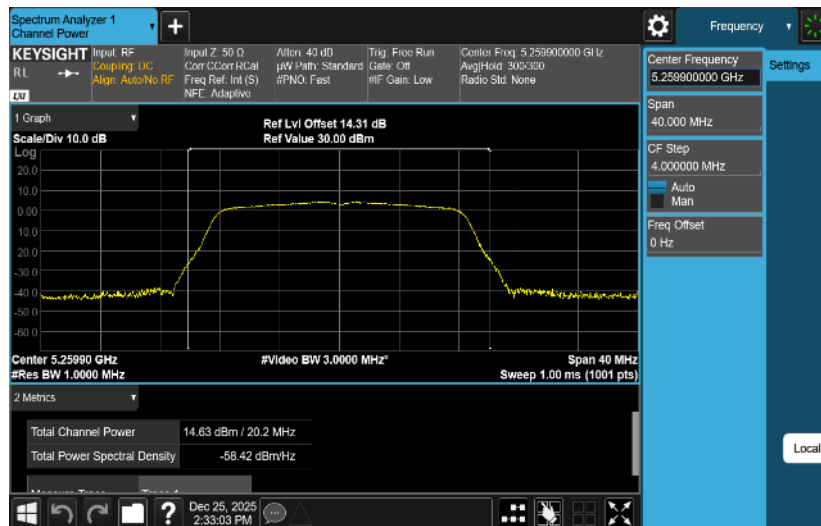
11A-Ant1-5240-PASS



11A-Ant2-5240-PASS



11A-Ant1-5260-PASS



11A-Ant2-5260-PASS



11A-Ant1-5280-PASS



11A-Ant2-5280-PASS



11A-Ant1-5320-PASS



11A-Ant2-5320-PASS



11A-Ant1-5500-PASS



11A-Ant2-5500-PASS



11A-Ant1-5580-PASS



11A-Ant2-5580-PASS



11A-Ant1-5700-PASS



11A-Ant2-5700-PASS



11A-Ant1-5745-PASS